

## WHAT IS CLAIMED IS:

1. A manufacturing method of a ceramic green sheet comprising steps of;

forming a predetermined electrode pattern on an adhesive layer separable by being heated or an adhesive layer separable by being cured with UV of a carrier sheet, wherein the carrier sheet comprising the separable adhesive layer on one side of a base film,

and forming a ceramic green sheet with a ceramic slurry on the separable adhesive layer with the electrode pattern formed thereon.

2. The manufacturing method of the ceramic green sheet according to Claim 1, wherein the adhesive layer separable by being heated foams when heated, and makes separation with ease.

3. The manufacturing method of the ceramic green sheet according to Claim 1 or 2, wherein the adhesive layer separable by being heated comprises thermal expandable fine particles.

4. The manufacturing method of the ceramic green sheet according to any one of Claims 1 to 3, wherein a dynamic modulus of elastic of an adhesive forming the adhesive layer separable by being heated is in a range of  $5 \times 10^3$  to  $1 \times 10^6$  Pa at a temperature of 23 degrees C to 150 degrees C.

5. The manufacturing method of the ceramic green sheet according to any one of Claims 1 to 4, wherein the adhesive layer separable by being heated comprises a side chain crystalline

resin.

6. The manufacturing method of the ceramic green sheet according to any one of Claims 1 to 5, wherein an adhesive strength to stainless steel of the adhesive layer separable by being heated is more than 0.1 N / 20mm at ordinary temperature (23 degrees C) and is no more than 0.1 N / 20mm when heated.

7. The manufacturing method of the ceramic green sheet according to Claim 1, wherein an adhesive strength at ordinary temperature (23 degrees C) to stainless steel of the adhesive layer separable by being cured with UV is more than 0.1 N / 20mm before UV irradiation and no more than 0.1N / 20mm after UV irradiation.

8. A manufacturing method of a multilayer ceramic electronic component comprising steps of;

laminating a ceramic green sheet onto other ceramic green sheets, after manufacturing the ceramic green sheet by manufacturing method according to any one of Claims 1 to 7,

and separating the carrier sheet from the ceramic green sheet by being heated or irradiated with UV.

9. A carrier sheet for ceramic green sheets used for the manufacturing method of the ceramic green sheet according to any one of Claims 1 to 7 or for the manufacturing method of the multilayer ceramic electronic component according to Claim 8, comprising an adhesive layer separable by being heated or an adhesive layer separable by being cured with UV on one side of

a base film.

10. A multilayer ceramic electronic component obtained by the manufacturing method of a multilayer ceramic electronic component according to Claim 8.

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